

| L Number | Hits   | Search Text   | DB                 | Time stamp          |
|----------|--------|---|--------------------|---------------------|
| 1        | 545    | ((507/136) or (507/261)).CCLS.  | USPAT;<br>US-PGPUB | 2003/03/13<br>14:31 |
| 2        | 330395 | ph  | USPAT;<br>US-PGPUB | 2003/03/13<br>14:31 |
| 3        | 142    | ((507/136) or (507/261)).CCLS.) and ph  | USPAT;<br>US-PGPUB | 2003/03/13<br>14:31 |
| 4        | 151    | ((507/136) or (507/261)).CCLS.  | USOCR              | 2003/03/13<br>14:31 |
| 5        | 114860 | ph  | USOCR              | 2003/03/13<br>14:32 |
| 6        | 57     | ((507/136) or (507/261)).CCLS.) and ph  | USOCR              | 2003/03/13<br>14:37 |
| 7        | 298    | (507/933).CCLS.   | USPAT;<br>US-PGPUB | 2003/03/13<br>14:41 |
| 8        | 20872  | ((alkyl adj (phosphate)) alkylphosphate<br>alkyl adj (sulfate sulphate))  | USPAT;<br>US-PGPUB | 2003/03/13<br>14:41 |
| 9        | 2      | ((507/933).CCLS.) and ((alkyl adj<br>(phosphate)) alkylphosphate alkyl adj<br>(sulfate sulphate)))  | USPAT;<br>US-PGPUB | 2003/03/13<br>14:38 |
| 10       | 121    | (507/933).CCLS.   | USOCR              | 2003/03/13<br>14:41 |
| 11       | 6359   | ((alkyl adj (phosphate)) alkylphosphate<br>alkyl adj (sulfate sulphate sulfonate<br>sulphonate))  | USOCR              | 2003/03/13<br>14:44 |
| 12       | 1      | ((507/933).CCLS.) and ((alkyl adj<br>(phosphate)) alkylphosphate alkyl adj<br>(sulfate sulphate sulfonate sulphonate)))   | USOCR              | 2003/03/13<br>14:42 |
| 13       | 3169   | ((516/58) or (588/252) or (588/250) or<br>(588/259) or (134/40) or (134/25.1) or<br>(175/66) or (210/925)).CCLS.  | USPAT;<br>US-PGPUB | 2003/03/13<br>14:45 |
| 14       | 6847   | ((alkyl adj (phosphate)) alkylphosphate<br>alkyl adj (sulfate sulphate sulfonate<br>sulphonate)) alkylsulfate alkylsulphate<br>alkylsulfonate alkylsulphonate   | USOCR              | 2003/03/13<br>14:45 |
| 15       | 30344  | ((alkyl adj (phosphate)) alkylphosphate<br>alkyl adj (sulfate sulphate sulfonate<br>sulphonate)) alkylsulfate alkylsulphate<br>alkylsulfonate alkylsulphonate   | USPAT;<br>US-PGPUB | 2003/03/13<br>14:45 |
| 16       | 718    | ((516/58) or (588/252) or (588/250) or<br>(588/259) or (134/40) or (134/25.1) or<br>(175/66) or (210/925)).CCLS.  | USOCR              | 2003/03/13<br>14:45 |
| 17       | 59827  | nonionic  | USPAT;<br>US-PGPUB | 2003/03/13<br>14:45 |
| 18       | 7781   | nonionic  | USOCR              | 2003/03/13<br>14:53 |
| 19       | 12     | ((alkyl adj (phosphate)) alkylphosphate<br>alkyl adj (sulfate sulphate sulfonate<br>sulphonate)) alkylsulfate alkylsulphate<br>alkylsulfonate alkylsulphonate) and<br>((516/58) or (588/252) or (588/250) or<br>(588/259) or (134/40) or (134/25.1) or<br>(175/66) or (210/925)).CCLS.) and<br>nonionic | USOCR              | 2003/03/13<br>14:46 |
| 20       | 141    | ((516/58) or (588/252) or (588/250) or<br>(588/259) or (134/40) or (134/25.1) or<br>(175/66) or (210/925)).CCLS.) and<br>((alkyl adj (phosphate)) alkylphosphate<br>alkyl adj (sulfate sulphate sulfonate<br>sulphonate)) alkylsulfate alkylsulphate<br>alkylsulfonate alkylsulphonate) and<br>nonionic | USPAT;<br>US-PGPUB | 2003/03/13<br>15:12 |
| 21       | 730    | (510/417).CCLS.   | USPAT;<br>US-PGPUB | 2003/03/13<br>15:12 |
| 22       | 355    | ph and ((510/417).CCLS.)  | USPAT;<br>US-PGPUB | 2003/03/13<br>15:13 |

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| 23 | 188    | (ph and ((510/417).CCLS.)) and (((alkyl adj (phosphate)) alkylphosphate alkyl adj (sulfate sulphate sulfonate sulphonate)) alkylsulfate alkylsulphate alkylsulfonate alkylsulphonate) and nonionic | USPAT;<br>US-PGPUB   | 2003/03/13<br>15:22 |
| 24 | 74     | acidic adj polymerization  | USPAT;<br>US-PGPUB   | 2003/03/13<br>15:25 |
| 25 | 1830   | acid adj polymerization  | USPAT;<br>US-PGPUB   | 2003/03/13<br>15:26 |
| 26 | 16330  | (acid adj polymerization) (((alkyl adj (phosphate)) alkylphosphate alkyl adj (sulfate sulphate sulfonate sulphonate)) alkylsulfate alkylsulphate alkylsulfonate alkylsulphonate) and nonionic      | USPAT;<br>US-PGPUB   | 2003/03/13<br>15:26 |
| 27 | 216    | (acid adj polymerization) and (((alkyl adj (phosphate)) alkylphosphate alkyl adj (sulfate sulphate sulfonate sulphonate)) alkylsulfate alkylsulphate alkylsulfonate alkylsulphonate) and nonionic  | USPAT;<br>US-PGPUB   | 2003/03/13<br>15:27 |
| 28 | 75     | (acid adj polymerization) and (((alkyl adj (phosphate)) alkylphosphate alkyl adj (sulfate sulphate sulfonate sulphonate)) alkylsulfate alkylsulphate alkylsulfonate alkylsulphonate) same nonionic | USPAT;<br>US-PGPUB   | 2003/03/13<br>15:28 |
| -  | 1832   | ((516/115) or (516/123) or (516/134) or (210/748) or (95/30) or (95/242) or (96/175)).CCLS.  | USPAT;<br>US-PGPUB   | 2003/03/13<br>09:33 |
| -  | 464311 | ("2002" "2003").py.  | USPAT;<br>US-PGPUB   | 2003/03/12<br>16:32 |
| -  | 184    | ((516/115) or (516/123) or (516/134) or (210/748) or (95/30) or (95/242) or (96/175)).CCLS.) and ("2002" "2003").py.)  | USPAT;<br>US-PGPUB   | 2003/03/12<br>16:56 |
| -  | 2      | JP-61283629-\$.did.  | EPO; JPO;<br>DERWENT | 2003/03/12<br>17:21 |
| -  | 2      | JP-62229139-\$.did.  | EPO; JPO;<br>DERWENT | 2003/03/12<br>17:21 |
| -  | 2      | JP-62283817-\$.did.  | EPO; JPO;<br>DERWENT | 2003/03/12<br>17:22 |
| -  | 0      | JP-7251081-\$.did.   | EPO; JPO;<br>DERWENT | 2003/03/12<br>17:22 |
| -  | 2      | JP-07251081-\$.did.  | EPO; JPO;<br>DERWENT | 2003/03/12<br>17:23 |
| -  | 2      | JP-06246165-\$.did.  | EPO; JPO;<br>DERWENT | 2003/03/12<br>17:25 |
| -  | 7      | ("3210310") or ("4425241") or ("4554081") or ("4600515") or ("4649183") or ("4861499") or ("4892916")).PN.   | USPAT;<br>US-PGPUB   | 2003/03/13<br>07:10 |
| -  | 1      | ("382285").PN.   | USPAT;<br>US-PGPUB   | 2003/03/13<br>07:12 |
| -  | 2348   | acid adj clean\$   | USPAT;<br>US-PGPUB   | 2003/03/13<br>07:23 |
| -  | 280355 | sulfate  | USPAT;<br>US-PGPUB   | 2003/03/13<br>07:24 |
| -  | 280355 | sulphate   | USPAT;<br>US-PGPUB   | 2003/03/13<br>07:24 |
| -  | 723    | (acid adj clean\$ ) and (sulfate sulphate)   | USPAT;<br>US-PGPUB   | 2003/03/13<br>07:25 |
| -  | 17232  | alkyl adj (sulfate sulphate)   | USPAT;<br>US-PGPUB   | 2003/03/13<br>14:37 |
| -  | 77     | (acid adj clean\$ ) and (alkyl adj (sulfate sulphate))   | USPAT;<br>US-PGPUB   | 2003/03/13<br>07:26 |
| -  | 59827  | nonionic   | USPAT;<br>US-PGPUB   | 2003/03/13<br>07:26 |
| -  | 70     | (acid adj clean\$ ) and (alkyl adj (sulfate sulphate))) and nonionic   | USPAT;<br>US-PGPUB   | 2003/03/13<br>08:02 |
| -  | 1      | calsoft adj LAS99  | USPAT;<br>US-PGPUB   | 2003/03/13<br>08:02 |
| -  | 22     | calsoft adj LAS-99   | USPAT;<br>US-PGPUB   | 2003/03/13<br>08:48 |



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|---|--------|---------------------------------------|----------------------|---------------------|
| - | 16     | 5156686.URPN.                         | USPAT                | 2003/03/13<br>09:58 |
| - | 396    | (516/58).CCLS.                        | USPAT;<br>US-PGPUB   | 2003/03/13<br>10:19 |
| - | 142    | (ph acid\$2) and ((516/58).CCLS.)     | USPAT;<br>US-PGPUB   | 2003/03/13<br>14:15 |
| - | 237    | (516/58).CCLS.                        | USOCR                | 2003/03/13<br>10:19 |
| - | 339999 | ph acid\$2                            | USOCR                | 2003/03/13<br>10:20 |
| - | 221    | ((516/58).CCLS.) and (ph acid\$2)     | USOCR                | 2003/03/13<br>10:37 |
| - | 20     | (acid\$2 adj clean\$4) and (emulsion) | EPO; JPO;<br>DERWENT | 2003/03/13<br>10:41 |
| - | 866    | drill adj cutting                     | EPO; JPO;<br>DERWENT | 2003/03/13<br>10:41 |
| - | 453415 | clean\$4                              | EPO; JPO;<br>DERWENT | 2003/03/13<br>10:41 |
| - | 96     | (drill adj cutting) and clean\$4      | EPO; JPO;<br>DERWENT | 2003/03/13<br>11:12 |
| - | 545    | ((507/136) or (507/261)).CCLS.        | USPAT;<br>US-PGPUB   | 2003/03/13<br>14:16 |
| - | 2      | para-teq                              | USPAT;<br>US-PGPUB   | 2003/03/13<br>11:30 |
| - | 0      | parateq                               | USPAT;<br>US-PGPUB   | 2003/03/13<br>11:30 |
| - | 92     | Inteq                                 | USPAT;<br>US-PGPUB   | 2003/03/13<br>11:34 |
| - | 2      | syn-teq                               | USPAT;<br>US-PGPUB   | 2003/03/13<br>11:34 |
| - | 2      | synteq                                | USPAT;<br>US-PGPUB   | 2003/03/13<br>11:34 |